

# **My Bookdown Template**

**Prepared for**

**Prepared by**  
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**New Graph Environment Ltd.**

**Version 0.0.6 2024-07-09**



**new graph** environment



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## **Acknowledgement**

Modern civilization has a long journey ahead to acknowledge and address the historic and ongoing impacts of colonialism that have resulted in harm to the cultures and livelihoods living interconnected with our ecosystems for many thousands of years.





# 1 Introduction

## Line Breaks

Here is an example of how to insert an empty line between paragraphs. We do it using two blank lines...

This is the paragraph that follows the empty line.

Additionally, writers should investigate the impacts of different header levels (ex. First level (#) or Second level (##) or third (###)) as well as before and after figures/tables on spacing before and after the headers so we produce as professional looking documents as possible. There are idiosyncrasies with what happens for each above and below so that should be tested by building the documents in both formats (html and pdf) and viewing the output. Here is a test with a second level header with no empty line above and no empty line below. ## Header with no number {-}

It negates the header... wow.

If we put blank lines above the header however...

### 1.1 Another numbered Header

No spacing or <br> above this line.

Here is a fpr\_kable with a cross reference to Table [1.2](#).

Table 1.1: Here is a nice kable!

Sepal.Length	Sepal.Width	Petal.Length	Petal.Width	Species
5.1	3.5	1.4	0.2	setosa
4.9	3.0	1.4	0.2	setosa
4.7	3.2	1.3	0.2	setosa
4.6	3.1	1.5	0.2	setosa
5.0	3.6	1.4	0.2	setosa
5.4	3.9	1.7	0.4	setosa
4.6	3.4	1.4	0.3	setosa
5.0	3.4	1.5	0.2	setosa
4.4	2.9	1.4	0.2	setosa
4.9	3.1	1.5	0.1	setosa

This is what happens with multiple empty lines but no <br> inserted directly after a figure...

Table 1.2: Here is a fpr\_kable with no cross-ref and the scroll set to not happen when pdf built.

Sepal.Length	Sepal.Width	Petal.Length	Petal.Width	Species
5.1	3.5	1.4	0.2	setosa
4.9	3.0	1.4	0.2	setosa
4.7	3.2	1.3	0.2	setosa
4.6	3.1	1.5	0.2	setosa
5.0	3.6	1.4	0.2	setosa
5.4	3.9	1.7	0.4	setosa
4.6	3.4	1.4	0.3	setosa
5.0	3.4	1.5	0.2	setosa
4.4	2.9	1.4	0.2	setosa
4.9	3.1	1.5	0.1	setosa
5.4	3.7	1.5	0.2	setosa
4.8	3.4	1.6	0.2	setosa
4.8	3.0	1.4	0.1	setosa
4.3	3.0	1.1	0.1	setosa
5.8	4.0	1.2	0.2	setosa
5.7	4.4	1.5	0.4	setosa
5.4	3.9	1.3	0.4	setosa
5.1	3.5	1.4	0.3	setosa
5.7	3.8	1.7	0.3	setosa
5.1	3.8	1.5	0.3	setosa

But if we put a <br> below the figure with blank lines either side of our text we are good to go.

Test.

## 2 Background

### 2.1 Project Location

Here is how we insert a figure and we can reference it like this - Figure [2.1](#). The caption is in the chunk header as `fig.cap`.



Figure 2.1: Overview map of Study Areas

Here is how we do multiple figures in one chunk - side by each (like toasts). We reference it like this - Figure [2.2](#).



Figure 2.2: Multiple figures or photos side by each.

Here is how we conditionally include chunk output based on the `params$gitbook_on` parameter. If this is the gitbook version, the image will NOT be included. If this is the pdf version, this double image will not be included. We do this to make the pdf version read nicely and not be a million pages long due to individual photos taking up a half a page each.

## 2 Background



Figure 2.3: Multiple figures or photos side by each. Turned on conditionally with the eval parameter in the markdown chunk to run only when the pdf version of the document is built.

Let's add a reference here so that we can test if our system of pulling from Zotero as per <https://github.com/NewGraphEnvironment/mybookdown-template/issues/49> is going to work Bramblett et al. (2002)

## References

Bramblett, Robert G., Mason D. Bryant, Brenda E. Wright, and Robert G. White. 2002. "Seasonal Use of Small Tributary and Main-Stem Habitats by Juvenile Steelhead, Coho Salmon, and Dolly Varden in a Southeastern Alaska Drainage Basin." *Transactions of the American Fisheries Society* 131 (3): 498–506. [https://doi.org/10.1577/1548-8659\(2002\)131<0498:SUOSTA>2.0.CO;2](https://doi.org/10.1577/1548-8659(2002)131<0498:SUOSTA>2.0.CO;2).  
Irvine, Allan. (2022) 2024. "NewGraphEnvironment/Fpr." <https://github.com/NewGraphEnvironment/fpr>.

Note that this reference was not actually cited in the body of the report but rather in the `index.Rmd` file `yam1 headerj` under the `no_cite` key.



## Changelog

### mybookdown-template 0.0.6 (2024-08-09)

- switch to bookdown::render\_book vs rmarkdown::render\_site so we can pass params in build arguments [#57](#)
- Move gitbook\_on to param [#58](#)
- Update .bib dynamically with conditional update\_bib param

### mybookdown-template 0.0.5

- 20240514
- Move session\_info.csv to data folder and fix url link

### mybookdown-template 0.0.4

- 20240410
- add fpr::fpr\_kable to intro
- remove getwd from run.R
- stop keeping the merged\_file (mybookdown\_template.Rmd)
- packages.R now uses pak

### mybookdown-template 0.0.2

- 20220516
- add references.bib
- add NEWS.md file
- update README.md
- update logos
- put date on line with version numbers
- tighten packages and functions





## Session Info

Information about the computing environment is important for reproducibility. A summary of the computing environment is saved to `session_info.csv` that can be viewed and downloaded from [https://github.com/NewGraphEnvironment/mybookdown-template/tree/main/data/session\\_info.csv](https://github.com/NewGraphEnvironment/mybookdown-template/tree/main/data/session_info.csv).

## – Session info

---



---

```
## setting value
## version R version 4.4.0 (2024-04-24)
## os      macOS Monterey 12.7.4
## system  aarch64, darwin20
## ui      RStudio
## language (EN)
## collate en_US.UTF-8
## ctype   en_US.UTF-8
## tz      America/Vancouver
## date    2024-07-09
## rstudio 2024.04.1+748 Chocolate Cosmos (desktop)
## pandoc  3.1.11 @
/Applications/RStudio.app/Contents/Resources/app/quarto/bin/tools/aarch64-
```

4/ (via rmarkdown)

##

## – Packages

---

---

## Session Info

```
## package      * version    date (UTC) lib source
## askpass      1.2.0      2023-09-03 [1] CRAN (R 4.4.0)
## bit          4.0.5      2022-11-15 [1] CRAN (R 4.4.0)
## bit64        4.0.5      2020-08-30 [1] CRAN (R 4.4.0)
## blob         1.2.4      2023-03-17 [1] CRAN (R 4.4.0)
## bookdown     * 0.39       2024-04-15 [1] CRAN (R 4.4.0)
## bslib        0.7.0      2024-03-29 [1] CRAN (R 4.4.0)
## cachem       1.0.8      2023-05-01 [1] CRAN (R 4.4.0)
## chk          0.9.1.9001 2024-06-16 [1] Github
(poissonconsulting/chk@ea59f9c)
## class        7.3-22     2023-05-03 [1] CRAN (R 4.4.0)
## classInt     0.4-10     2023-09-05 [1] CRAN (R 4.4.0)
## cli          3.6.2      2023-12-11 [1] CRAN (R 4.4.0)
## colorspace   2.1-0      2023-01-23 [1] CRAN (R 4.4.0)
## credentials  2.0.1      2023-09-06 [1] CRAN (R 4.4.0)
## curl         5.2.1      2024-03-01 [1] CRAN (R 4.4.0)
## DBI          1.2.3      2024-06-02 [1] CRAN (R 4.4.0)
## devtools     2.4.5      2022-10-11 [1] CRAN (R 4.4.0)
## digest       0.6.35     2024-03-11 [1] CRAN (R 4.4.0)
## dplyr        * 1.1.4      2023-11-17 [1] CRAN (R 4.4.0)
## DT           0.33       2024-04-04 [1] CRAN (R 4.4.0)
## e1071        1.7-14     2023-12-06 [1] CRAN (R 4.4.0)
## ellipsis     0.3.2      2021-04-29 [1] CRAN (R 4.4.0)
## evaluate     0.23       2023-11-01 [1] CRAN (R 4.4.0)
## fansi        1.0.6      2023-12-08 [1] CRAN (R 4.4.0)
## fastmap      1.1.1      2023-02-24 [1] CRAN (R 4.4.0)
## forcats      * 1.0.0      2023-01-29 [1] CRAN (R 4.4.0)
## fpr          * 1.2.0      2024-07-04 [1] local
## fs           1.6.4      2024-04-25 [1] CRAN (R 4.4.0)
## generics     0.1.3      2022-07-05 [1] CRAN (R 4.4.0)
## gert         2.0.1      2023-12-04 [1] CRAN (R 4.4.0)
## ggdark       0.2.1      2019-01-11 [1] CRAN (R 4.4.0)
## ggplot2      * 3.5.1      2024-04-23 [1] CRAN (R 4.4.0)
## glue         1.7.0      2024-01-09 [1] CRAN (R 4.4.0)
## gtable       0.3.5      2024-04-22 [1] CRAN (R 4.4.0)
## here         1.0.1      2020-12-13 [1] CRAN (R 4.4.0)
## highr        0.11       2024-05-26 [1] CRAN (R 4.4.0)
## hms          1.1.3      2023-03-21 [1] CRAN (R 4.4.0)
## htmltools    0.5.8.1    2024-04-04 [1] CRAN (R 4.4.0)
## htmlwidgets  1.6.4      2023-12-06 [1] CRAN (R 4.4.0)
## httpuv       1.6.15     2024-03-26 [1] CRAN (R 4.4.0)
## httr         1.4.7      2023-08-15 [1] CRAN (R 4.4.0)
## jquerylib    0.1.4      2021-04-26 [1] CRAN (R 4.4.0)
## jsonlite     1.8.8      2023-12-04 [1] CRAN (R 4.4.0)
## kableExtra   1.4.0.3    2024-06-14 [1] Github
(haozhu233/kableExtra@a9c509a)
```

```

## KernSmooth      2.23-22    2023-07-10 [1] CRAN (R 4.4.0)
## knitr            * 1.47      2024-05-29 [1] CRAN (R 4.4.0)
## later           1.3.2      2023-12-06 [1] CRAN (R 4.4.0)
## lifecycle       1.0.4      2023-11-07 [1] CRAN (R 4.4.0)
## lubridate       * 1.9.3      2023-09-27 [1] CRAN (R 4.4.0)
## magick          2.8.3      2024-02-18 [1] CRAN (R 4.4.0)
## magrittr        2.0.3      2022-03-30 [1] CRAN (R 4.4.0)
## memoise         2.0.1      2021-11-26 [1] CRAN (R 4.4.0)
## mime            0.12       2021-09-28 [1] CRAN (R 4.4.0)
## miniUI          0.1.1.1    2018-05-18 [1] CRAN (R 4.4.0)
## munsell         0.5.1      2024-04-01 [1] CRAN (R 4.4.0)
## openssl         2.1.2      2024-04-21 [1] CRAN (R 4.4.0)
## pagedown        * 0.20       2022-12-13 [1] CRAN (R 4.4.0)
## pillar          1.9.0      2023-03-22 [1] CRAN (R 4.4.0)
## pkgbuild        1.4.4      2024-03-17 [1] CRAN (R 4.4.0)
## pkgconfig       2.0.3      2019-09-22 [1] CRAN (R 4.4.0)
## pkgload         1.3.4      2024-01-16 [1] CRAN (R 4.4.0)
## poisutils       0.0.0.9010 2024-05-14 [1] Github
(poissonconsulting/poisutils@8310dc4)
## processx       3.8.4      2024-03-16 [1] CRAN (R 4.4.0)
## profvis        0.3.8      2023-05-02 [1] CRAN (R 4.4.0)
## promises       1.3.0      2024-04-05 [1] CRAN (R 4.4.0)
## proxy          0.4-27     2022-06-09 [1] CRAN (R 4.4.0)
## ps             1.7.6      2024-01-18 [1] CRAN (R 4.4.0)
## purrr          * 1.0.2      2023-08-10 [1] CRAN (R 4.4.0)
## R6             2.5.1      2021-08-19 [1] CRAN (R 4.4.0)
## rappdirs       0.3.3      2021-01-31 [1] CRAN (R 4.4.0)
## rbbt           0.0.0.9000 2024-06-26 [1] local
## Rcpp           1.0.12     2024-01-09 [1] CRAN (R 4.4.0)
## readr          * 2.1.5      2024-01-10 [1] CRAN (R 4.4.0)
## readwritesqlite * 0.2.0      2022-10-16 [1] CRAN (R 4.4.0)
## remotes        2.5.0      2024-03-17 [1] CRAN (R 4.4.0)
## rlang          1.1.3      2024-01-10 [1] CRAN (R 4.4.0)
## rmarkdown      * 2.27       2024-05-17 [1] CRAN (R 4.4.0)
## roxygen2       7.3.1      2024-01-22 [1] CRAN (R 4.4.0)
## RPostgres      * 1.4.7      2024-05-27 [1] CRAN (R 4.4.0)
## rprojroot      2.0.4      2023-11-05 [1] CRAN (R 4.4.0)
## RSQLite        2.3.6      2024-03-31 [1] CRAN (R 4.4.0)
## rstudioapi     0.16.0     2024-03-24 [1] CRAN (R 4.4.0)
## sass           0.4.9      2024-03-15 [1] CRAN (R 4.4.0)
## scales         1.3.0      2023-11-28 [1] CRAN (R 4.4.0)
## servr          0.30       2024-03-23 [1] CRAN (R 4.4.0)
## sessioninfo    1.2.2      2021-12-06 [1] CRAN (R 4.4.0)
## sf             * 1.0-16     2024-03-24 [1] CRAN (R 4.4.0)
## shiny          1.8.1.1    2024-04-02 [1] CRAN (R 4.4.0)
## shrtcts        0.1.2      2024-05-14 [1] Github
(gadenbuie/shrtcts@41051cf)

```

## Session Info

```
## staticimports      0.0.0.9001 2024-07-04 [1] local
## stringi            1.8.4      2024-05-06 [1] CRAN (R 4.4.0)
## stringr            * 1.5.1      2023-11-14 [1] CRAN (R 4.4.0)
## svglite            2.1.3      2023-12-08 [1] CRAN (R 4.4.0)
## sys                3.4.2      2023-05-23 [1] CRAN (R 4.4.0)
## systemfonts        1.0.6      2024-03-07 [1] CRAN (R 4.4.0)
## tibble             * 3.2.1      2023-03-20 [1] CRAN (R 4.4.0)
## tidyr              * 1.3.1      2024-01-24 [1] CRAN (R 4.4.0)
## tidyselect         1.2.1      2024-03-11 [1] CRAN (R 4.4.0)
## tidyverse          * 2.0.0      2023-02-22 [1] CRAN (R 4.4.0)
## timechange         0.3.0      2024-01-18 [1] CRAN (R 4.4.0)
## tzdb               0.4.0      2023-05-12 [1] CRAN (R 4.4.0)
## units              0.8-5      2023-11-28 [1] CRAN (R 4.4.0)
## urlchecker         1.0.1      2021-11-30 [1] CRAN (R 4.4.0)
## usethis            2.2.3      2024-02-19 [1] CRAN (R 4.4.0)
## utf8              1.2.4      2023-10-22 [1] CRAN (R 4.4.0)
## vctrs              0.6.5      2023-12-01 [1] CRAN (R 4.4.0)
## viridisLite        0.4.2      2023-05-02 [1] CRAN (R 4.4.0)
## websocket          1.4.1      2021-08-18 [1] CRAN (R 4.4.0)
## withr              3.0.0      2024-01-16 [1] CRAN (R 4.4.0)
## xfun               0.44       2024-05-15 [1] CRAN (R 4.4.0)
## xml2               1.3.6      2023-12-04 [1] CRAN (R 4.4.0)
## xtable             1.8-4      2019-04-21 [1] CRAN (R 4.4.0)
## yaml               2.3.8      2023-12-11 [1] CRAN (R 4.4.0)
## yesno              0.1.2      2020-07-10 [1] CRAN (R 4.4.0)
##
## [1] /Library/Frameworks/R.framework/Versions/4.4-
## arm64/Resources/library
##
```

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